

TPB Resiliency Study

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TPB Technical Committee

Agenda Item 8

February 5, 2021

visualize
2045 A long-range
transportation plan
for the National
Capital Region



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TPB Resiliency Study



Resiliency and Climate Change Studies*

Current Studies:

- Climate Change Mitigation Study
- Resiliency Study

COG and TPB: Board Actions

- COG 2030 Climate and Energy Action Plan
- TPB resolution support climate and emissions goals

Past Studies:

- What Would it Take
- Multi-sector Working Group Analysis

*This list is not comprehensive of all COG and TPB activities, visit www.MWCOG.org for more information

TPB Resiliency Study Purpose:

- Research and document agency adaptation planning activities to:
 - respond to one of the federal Planning Factors
 - advance important planning work and regional coordination on the topic of resiliency, one of TPB's policy priorities

TPB Resiliency Study Purpose: Federal Definition of Resilience:

What is *Resilience*?

Resilience: the ability to anticipate, prepare for, and adapt to changing conditions and withstand, respond to, and recover rapidly from disruptions



Source: Heather Holsinger, FHWA, 2018 AMPO Presentation

Study Purpose:

Respond to FAST Act Requirements

- **FAST ACT Transportation Planning Rule (May 2016) added:**
 - Metropolitan Transportation Plan must assess capital investment and other strategies that reduce the vulnerability of existing transportation infrastructure to natural disasters (23 CFR450.324(f)(7)).
 - MPOs recommended to consult with agencies and officials responsible for natural disaster risk reduction when developing Plan and TIP (23 CFR 450.316(b)).
 - New planning factor on improving the resiliency and reliability of transportation system (23 CFR 450.206(a) and 23 CFR450.306(b)).

Planning Factor: Improve the resiliency and reliability of the transportation system and reduce or mitigate stormwater impacts of surface transportation.

Tasks and Schedule

We are here



Task and Schedule

- **Study Outputs:**
 - Input to LRTP
 - Resiliency whitepaper
 - Information about resiliency strategies and actions that can support future coordination and collaboration

Your Role: Help Us Complete the Picture

■ Materials to Review

- TPB staff will send Excel Spreadsheet and a list of documents found for your agency

■ Please support this research by:

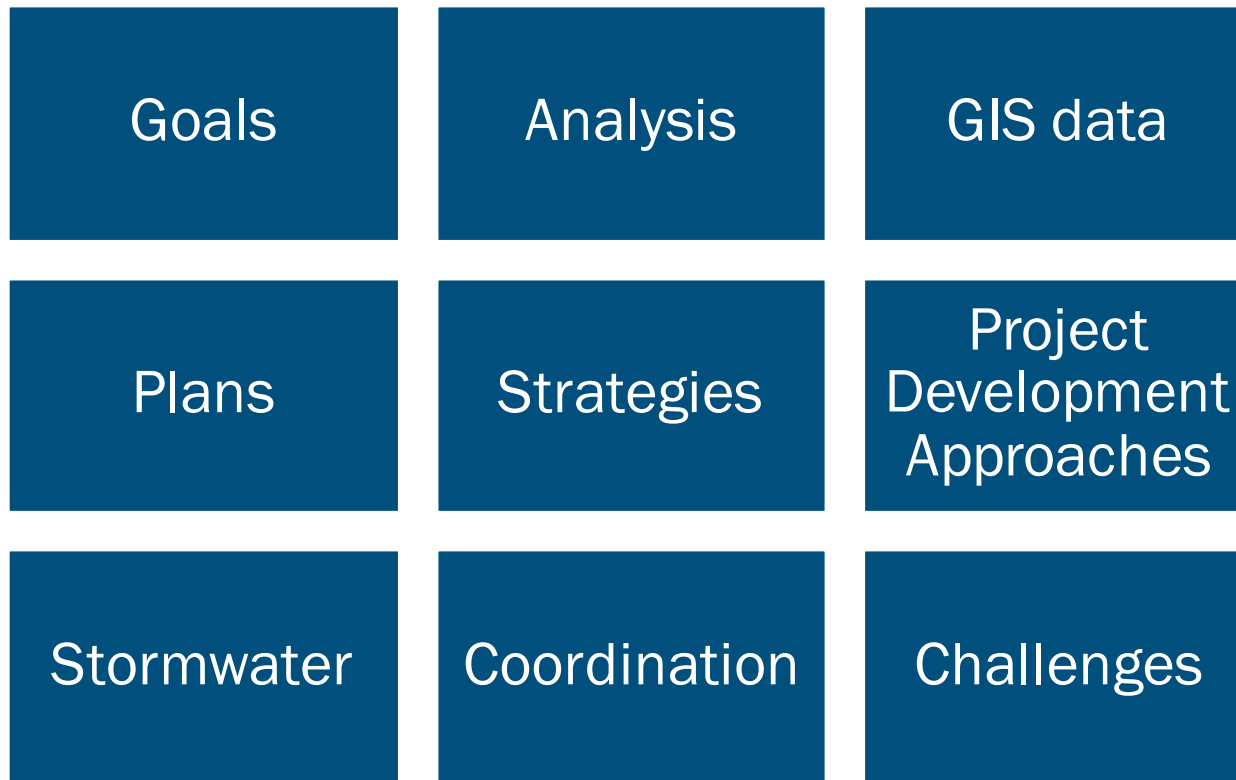
- Adding responses to the spreadsheet
- Identifying documents or initiatives that we can reference
- Providing any other information that we can use to ‘complete the blanks’

■ Timing:

- Staff will send to you by **2/12/2021**
- Optional Question/Answer session approx. 2/18/2021
- Please work with staff at your agency/government body to provide an updated Excel spreadsheet and any other input by **3/5/2021**

Next Steps: Complete Templates

The research framework includes a series of questions on a range of topics:



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